

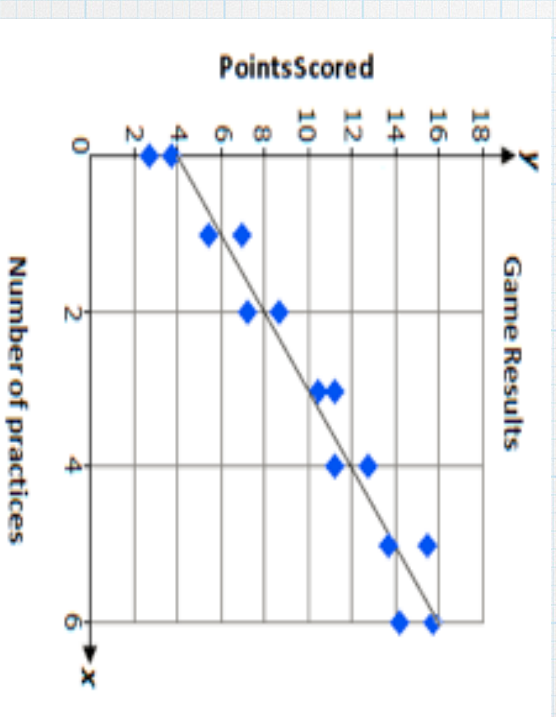
Week 5, Day 3

Time (s)	Speed (m/s)
0	49.0
1	39.2
2	29.4
3	19.6
4	9.8
5	0.0

- 1) Write a linear function for the table shown.
- 2) Write an equation to solve: Karen works for \$6 an hour; 25% of her salary is deducted for taxes and insurance. How many hours must she work to take home \$450 if she saves all of her earnings?

- 3) Sketch the graph of $x = -3$

- 4) Write the equation for the line of best fit on the scatterplot shown.



- 5) Does the table shown represent a linear or exponential function? Explain how you know.

x	1	2	3	4
y	-2	-12	-72	-432